

12/5/2003

Sheet 1 of 2

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|---|------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | ATTY. DOCKET NO. AAI-14274 | SERIAL NO. 10/729,702 |
| | APPLICANT(S) Brent PARKS et al. | |
| | FILING DATE 12/05/2003 | GROUP 3600 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------------|
| R | AA | 3,106,131 | 01/1959 | Barr et al. | 89 | 1 | |
| R | AB | 3,565,398 | 02/1971 | Flora et al. | 254 | 93 | |
| R | AC | 5,685,242 | 12/1997 | Brantman et al. | 297 | 216.1 | |
| R | AD | 731,354 | 06/1903 | Fulton | 92 | 35 | |
| R | AE | 1,986,273 | 01/1935 | Leffingwell | 254 | 93 | |
| R | AF | 4,560,145 | 12/1985 | Widmer | 254 | 93 HP | |
| R | AG | 4,687,189 | 08/1987 | Stoll et al. | 269 | 22 | |
| R | AH | 5,431,087 | 07/1995 | Kambara | 94 | 146 | |
| R | AI | 5,871,235 | 02/1999 | Wier | 280 | 806 | |
| R | AJ | 6,237,433 B1 | 05/2001 | Rodrigues | 74 | 89.15 | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------------------------|----|------------------|---------|----------------------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| complete copies not provided | AL | JP11346703 | 12/1999 | Japan Abstract | | | | |
| | AM | JP8058510 | 03/1986 | Japan Abstract | | | | |
| | AN | JP7205750 | 08/1995 | Japan Abstract | | | | |
| R | AO | DE 298 17 842 U1 | 02/1999 | Germany (English Abstract) | | | | ✓ |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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|---|----|---|--|--|--|--|--|
| R | AR | ICI Aerospace: 1MT170 Bellows Actuator, Data Sheet 201, May 1987. | | | | | |
| R | AS | Abstracts of JP 11348703; JP 8058510; JP 7205750 12/1999 3/1986 8/1995 | | | | | |
| | AT | | | | | | |

EXAMINER

Seymour

DATE CONSIDERED 8/23/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. AAI-14274 | | SERIAL NO. 10729,702 | |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | | | APPLICANT(S) Brent PARKS et al. | | | |
| | | | | FILING DATE 12/05/2003 | | GROUP 3600 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
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| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | AL | EP 0 940 584 | 03/1998 | EPO | — | — | N/A |
| | AM | GB 2 076 894 | 03/1980 | Great Britain | — | — | N/A |
| | AN | GB 2 373 218 A | 09/2002 | Great Britain | — | — | N/A |
| | AO | | | | | | |
| | AP | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| EXAMINER <i>Dejane W. Baker</i> | | | | DATE CONSIDERED 8/23/2005 | | | |
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| | APPLICANT(S) Brent PARKS et al. | | |
| | FILING DATE 05 December 2003 | GROUP 3600 | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|---------|-----------------|-------|----------|-------------------------------|
| <i>h</i> | AA | 3,873,786 | 03/1975 | Lagofun | 200 | 41.08 | |
| <i>h</i> | AB | 5,201,830 | 04/1993 | Braswell | 244 | 118.5 | |
| <i>h</i> | AC | 6,281,782 B1 | 08/2001 | Morimoto et al. | 74 | 89.15 | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| EXAMINER <i>Shen W. Lin</i> | DATE CONSIDERED 8/23/2005 |
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USCOMM-DC 80-3985